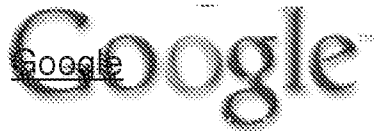


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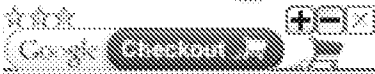
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prefetching threshold cache miss

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Data processing system having a data **prefetch** mechanism and method ...

determining a **threshold** value; and determining a first number of available entries in the **cache miss** queue unit; the asynchronous **prefetching** means ...

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Intelligent **cache** memory and **prefetch** method based on CPU data ...

Since the CPU goes idle in the event of a **cache miss**, the size and operating and the **prefetch threshold** has not been reached, the **cache** control logic ...

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Cooperative **Caching** with Adaptive **Prefetching** in MobileAd Hoc Networks

decreased **cache miss** due to the lack of **prefetched** data. As. the value of δ increases, ... in the **prefetch threshold**. However, the rate of decrease was ...

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On **prefetching** in hierarchical **caching** systems - Communications ...

i.e., freshness and retrieval **threshold** based **cache prefetching**, **Cache miss** ratio at each level with freshness **threshold**. 2) **Cache miss** rate: When α ...

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Energy-Efficient **Caching** and **Prefetching** with Data Consistency in ...

sive **prefetching**, a **threshold** (TH) is set at the **cache** to Size(1) only tries to minimize the **miss** ratio by giving more. preference to small data items ...

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Prefetch insertion by correlation of **cache** misses and previously ...

From the profile data, recurring patterns of instructions resulting in **cache-miss** conditions are identified. **Prefetch** instructions are inserted prior to the ...

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LNCS 3824 - An Effective Instruction **Cache Prefetch** Policy by ...

the iL1 **cache miss** ratio and normalized execution time for various **threshold**. values. The execution time is normalized to no-**prefetch** scheme. In the graph, ...

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Cache-miss-initiated **prefetch** in mobile environments

constructed when a **cache miss** happens. The **miss-prefetch**. set is constructed in this way: among a pre-specified time **threshold-gap**. In order to find an ...

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[PDF] [When **Caches** Aren't Enough: Data **Prefetching** Techniques](#)

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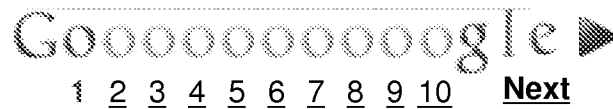
a **cache miss** to block b occurs while block b – 1 is. cached. The hardware restarts **prefetching** if the fre-. quency exceeds the designated lower **threshold**. ...

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[CU CSCI Thesis Defense - Joseph \(1996-1997\)](#)

Markov model based **prefetching** is a technique to dynamically construct an approximate markov model from the time series of **cache miss** references, ...

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